Intelligent Building Solutions

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DISCLAIMER

ELEMENTALZ
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OUR PRINCIPLE

HIGH QUALITY

ECONOMICAL

METICULOUS

INNOVATION

FUTURE READY

6 YRS SERVICE COMMITMENT

INTEGERATION

TIME IS WEALTH

TECHNOLOGY

EVER EVOLVING

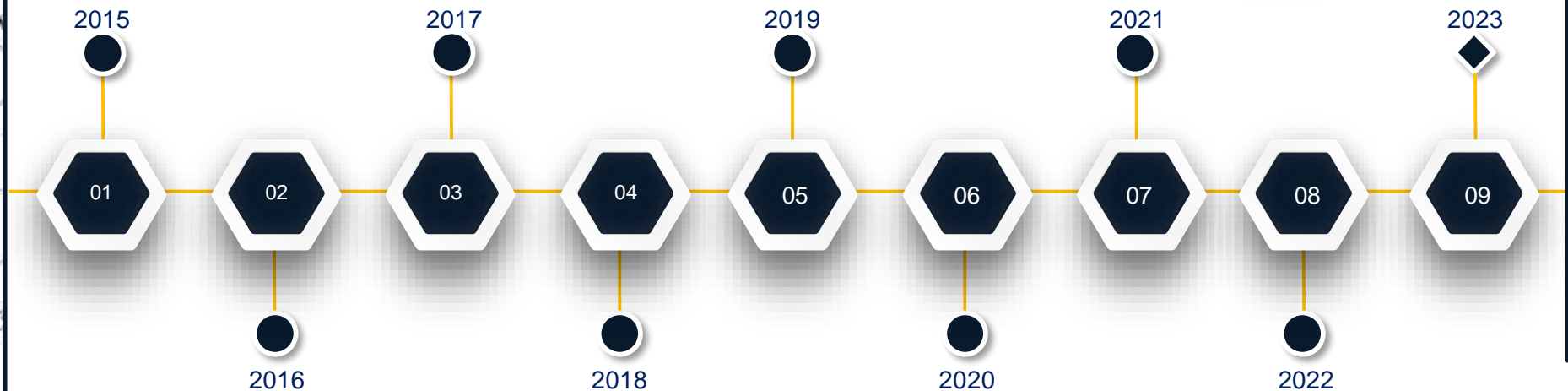ELEMENTALZ
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WE HAVE GROWN IN LEAPS AND BOUNDS OVER LAST SEVEN YEARS WITH HUMBLE BEGINNING IN 2015, TODAY WE ARE A YOUNG COMPANY OF ENTHUSIASTIC ENGINEERS, ENTREPRENEURS, FABRICATORS DESIGNERS, ARTISTS AND DREAMERS WHO ARE TRYING TO BRING WORLD CLASS INNOVATION TO THE PEOPLE OF INDIA.

IT IS OUR MISSION TO CREATE SUCH GREAT FEET OF ENGINEERING THAT WOULD INSPIRE MANY GENERATION TO COME,

TO EXCEL BEYOND BELIEF... SUCCEED BEYOND EXPECTATION...

ABOUT US

2015
2017
2019
2021
2023

01
02
03
04
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08
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2016
2018
2020
2022

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MORALE BOOSTER

INTELLIGENT SYSTEMS

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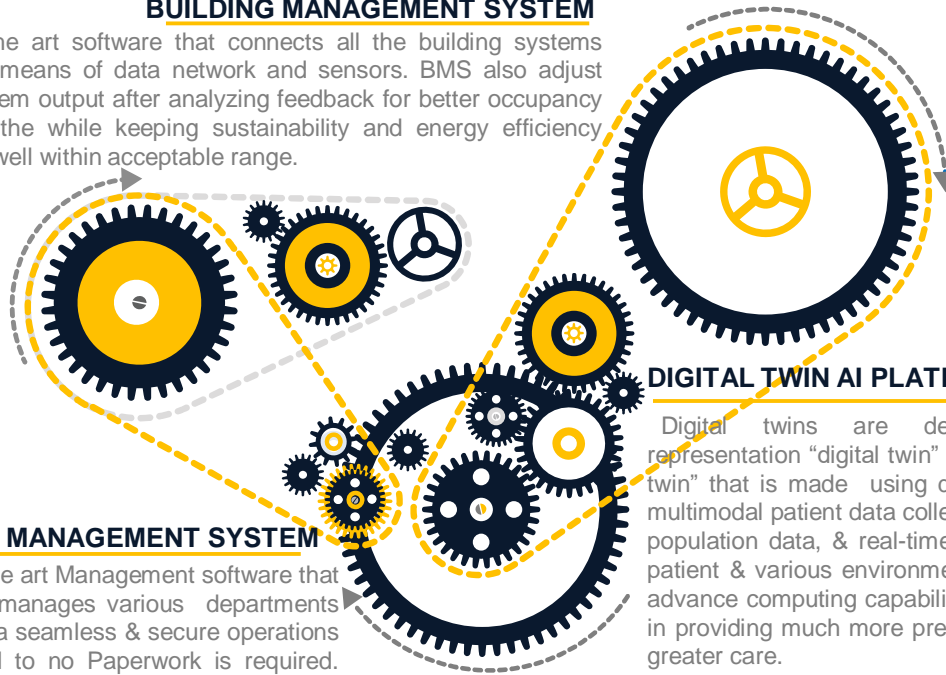Combining Elements For Building
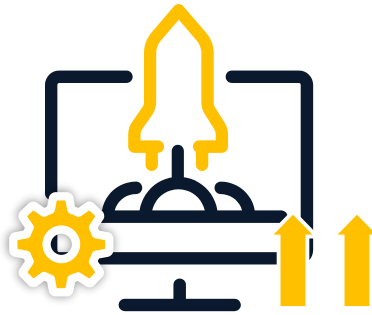
BOOST CREATIVITY

VERSATILE PLATFORM

BUILDING MANAGEMENT SYSTEM

State of the art software that connects all the building systems together by means of data network and sensors. BMS also adjust building system output after analyzing feedback for better occupancy comfort, all the while keeping sustainability and energy efficiency parameters well within acceptable range.

FACILITY MANAGEMENT SYSTEM

State of the art Management software that connects & manages various departments together for a seamless & secure operations with minimal to no Paperwork is required. Provides platform for healthcare providers to be connected with patients in real time beyond healthcare premises

VIRTUAL REALITY AUGMENTED REALITY

AI POWERED CLOUD BASED

DIGITAL TWIN AI PLATFORM SYSTEM

Digital twins are defined as virtual representation "digital twin" of patients "physical twin" that is made using data generated from multimodal patient data collected over the years, population data, & real-time data updates from patient & various environmental variables. With advance computing capabilities Digital twin help in providing much more precise healthcare with greater care.

Over the years it came to our attention that due to lack of proper integration & communication between the three systems, which on occasion has led to bad experience for the users and owners. To Counter act these lack of integration between systems, we are providing all the three system solutions in a single package.

Empowered with latest Artificial Intelligence core that enable early detection of conflicts among various systems and also reduce the risk of system wide shutdown or failure. Integrated system keeps all the party involved updated in real time and can even suggest course of action for troubleshooting.

As mentioned earlier our solutions are well integrated and powered with AI, but those are not the only technology in its arsenals, They have Virtual reality, Digital Twin, Augmented reality and much more, with computing capabilities powered by Virtual GPUs and start of the art Hardware.

SERVICES WE OFFER

- BUILDING MANAGEMENT

- FACILITY MANAGEMENT

- INTELLIGENT PLATFORM

INTELLIGENT SYSTEMS

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WATER STORAGE

VRF HVAC PLANT

SWIMMING POOL

Wi-Fi COVERAGE UNIT

HEXOTROPIC TREE COVER

SOLAR POWER PLANT

SPACIAL SENSOR UNIT

BUILDING CONTROL ROOM

VEHICLE PARKING P

EV CHARGING STATION

INTELLIGENT SYSTEMS

BMS
COMPONENTS

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DISCLAIMER: FOR GRAPHICAL REPRESENTATION ONLY, NOT ACTUAL DESIGN

METERING :

One of the most important role played by BMS is the day to day metering of utilities which ensure optimum & efficient consumption of various resources by the building operation. An array of monitoring and metering sensors throughout the building which send data in real time to BMS and using advance analytics powered by AI, BMS can suggest corrective measure if there are deviations from optimal.

ELECTRICITY   WATER   GAS

WELL BEING :

Monitoring Well Being of the occupant of the building is another critical role played by BMS using a network of spacial sensors placed throughout the building which sense and analyze various parameter of the internal environment like Temperature, Humidity, Noise pollution, Air Quality, Gas leaks, etc. Powered with advance AI, it can raise alert and provide authorities with counteractive action plan.

TEMP/HUMIDITY   NOISE CO_2

OCCUPANCY :

With the help of state of the art occupancy sensors, BMS is always aware of presence of occupants & if allowed can use this data to manage traffic flow (People/ Vehicle) in the premises so as to prevent the risk of over crowding, road jam, lack of access, etc. It uses AI to prepare logic step by step action plan to manage the premises. BMS can also helps in evacuating personnel in case of emergencies.

OCCUPANCY   PARKING   FLOW

BIG DATA PLATFORM

DATA INPUTS

- CAFM/IWMS
- PERFORMANCE BENCHMARK
- THIRD PARTY DATA INPUT
- ACCOUNTING AND UTILITY EXPENSE
- BUILDING MANAGEMENT SOLUTIONS
- DIGITAL TWIN SYSTEM

USER INPUT

- BUILDING OCCUPANT ACTIVITIES
- SOCIAL MEDIA / DIGITAL USER PLATFORM
- USER INTERFACE KIOSK PLATFORM

ANALYSIS

- DATA ASSIMILATION & VISUALISATION
- AI BASED ANALYTIC REPORTING

SERVICES WE OFFER

- **BUILDING MANAGEMENT**

- **FACILITY MANAGEMENT**

- **INTELLIGENT PLATFORM**

INTELLIGENT SYSTEMS

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KEY TO INSTITUTE

INTELLIGENT SYSTEMS

MNGMNT
People who are the backbone of the Facility and whose vision guides the Facility, its growth and future. Management team needs to have eagle eye view of the facility and its working for making quick, best possible and appropriate decisions.

CUSTOMER
Effective and timely service of the customer are the primary reason for existence of the facility and its infrastructure. It is important to have transparency & clarity with customer, and provide them with proper support system that enable them to make proper decisions.
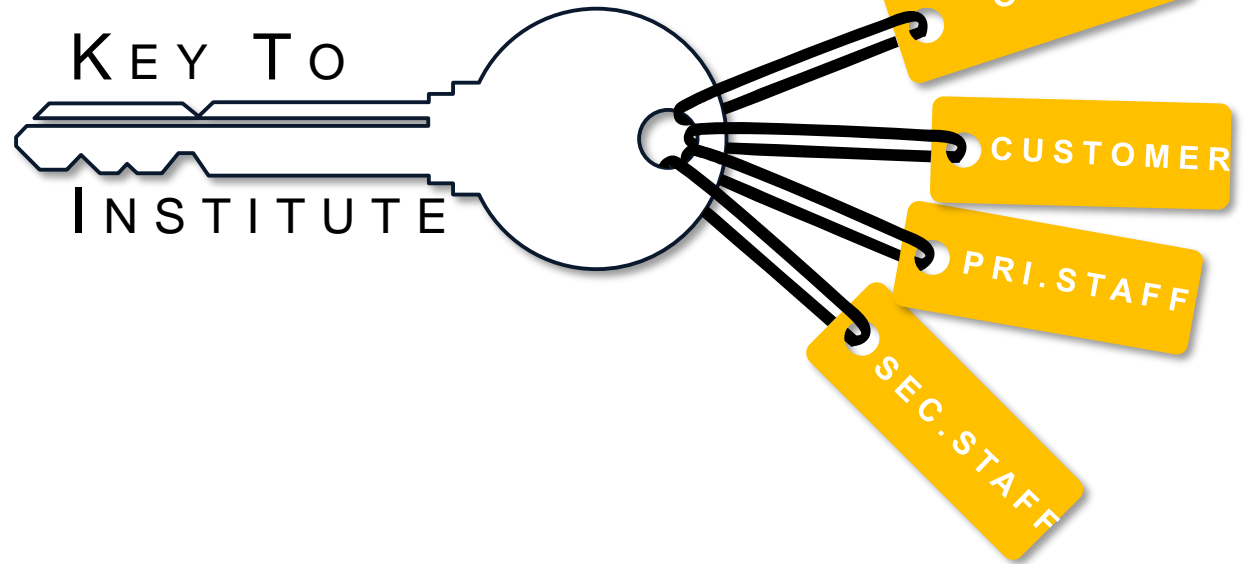
PRI STAFF
Primary staff are critical employee of the facility, who are responsible for taking care of the facility & primarily satisfy patients. Primary staff need access to accurate data in real time to make best possible decisions and do necessary tweaks required.

SEC STAFF
Staff are the blood vessels that keep the facility infrastructure running. Support staff have to be well informed and coordinated with various departments as well as other support staff.

- OWNERS
- CUSTOMER
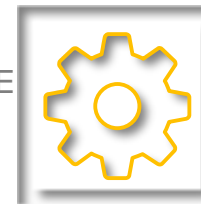- PRI.STAFF
- SEC.STAFF

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EFFICIENT DATABASE

MULTI DEVICE ACCESS

ACCURATE DATA

GLOBAL STANDARD

SECURE PLATFORM

RELIABLE OPERATION

MANAGEMENT

Benefits:
- Multiple Campus Management
- Complete Automation of back office process.
- Effective integration of academy, admin & business process.
- Effective and singe platform for constant communication between the teachers, school admin, students and parents.

DOCTORS

Benefits:
- Availability of more time for Doctors to attend the patients
- Automation of Administrative work like paperwork and patient information.
- Tracking Patients' History and preparing action plan accordingly.
- Transparent and good Quality interaction between Doctor and patients.

PATIENTS

Benefits:
- Safe & secure space for communication between Doctor and patients.
- Online submission and retrieval of patient data, treatment plan, etc.
- Real time access to Hospital/Doctor calendar, Updates, Announcements.
- Access to Online content, Digital consult, Feedback and Patient Monitoring

STAFF

Benefits:
- Real time communication between staff of various departments
- Regular update on Performance, Activity and other pertaining data of staffs.
- Increase situation awareness between multiple departments, and Vendors.
- Live location Tracking of Staff along with tracking of assignment and results.
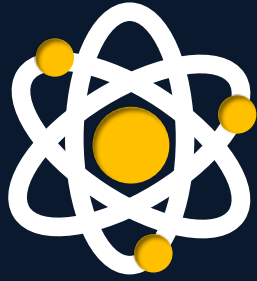
CONNECTING

VARIOUS

ELEMENTS

TOGETHER

SERVICES WE OFFER

- **BUILDING MANAGEMENT**
- **FACILITY MANAGEMENT**
- **INTELLIGENT PLATFORM**

INTELLIGENT SYSTEMS

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INTELLIGENT SYSTEMS

CORE MANAGEMENT MODULE

PATIENT MANAGEMENT MODULE
- ADMISSION MANAGEMENT
- ATTENDANCE MANGEMENT
- FEES MANAGEMENT
- TIME TABLE SCHEDULE
- INSURANCE
- PATIENT HEALTH

STAFF & HR MANAGEMENT MODULE
- ATTENDANCE MANGEMENT
- TIME TABLE SCHEDULE
- EMPLOYEE MANAGEMENT
- HR MANAGEMENT
- PAYROLL MANAGEMENT
- FRONT OFFICE

RESOURCE MANAGEMENT MODULE

HOSTEL MANAGEMENT

AMBULANCE MANAGEMNT

INVENTORY MANAGEMENT

ASSET MANAGEMENT

ACCOUNTING MNGMNT.

DOCTOR NETWORK

LABORATORY MNMGMNT.

PATIENT AGENT MNMGMNT.

EMERGENCY RESPONSE

COMMUNICATION MODULE

NEWS PLATFORM MANAGEMENT

FORM DOCUMENTATION PLATFORM

WEBSITE CONTENT MANAGEMENT
- POLLS
- GALLERY
- EVENT DECLARE
- DISCIPLINARY HEARING RESULT
- DECLARATION

QUERY FEEDBACK FORM PLATFORM

PUBLIC RELATIONS MANAGEMENT

EMERGENCY COMMUNICATION PLATFORM

DATA MANAGEMENT MODULE

DASHBOARD USER INTERFACE

REPORT ACCUMULATION & DISPENSING PLATFORM

QUALITY BIG DATA AND PERFORMANCE METRIC VISUALIZATION

ARTIFICIAL INTELLIGENCE POWERED DATA ANALYSIS

TASK & TIMELINE PLANNING WITH FUNCTIONAL GOALS

WORK FLOW BUILDER AND INFORMATION MANAGEMENT

MULTI HOSPITAL DATA COMPILATION & REPORT

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UPGRADATION & MIGRATION TO PAPERLESS SYS.

INSTALLATION AND PROCESS IMPLEMENTATION

PROCESS AND SOFTWARE TRAINING

CUSTOMIZABLE MANAGEMENT SOLUTIONS

REAL TIME WEB CONNECTIVITY

PROCESS AND SYSTEM WIDE UPGRADE

INTEGRATION WITH MULTIPLE SYSTEMS

PLATFORM INTEGRATION

- SMS / E-MAIL
- RFID ATTENDANCE SYSTEMS
- ONLINE PAYMENT
- ONLINE SESSIONS
- ONLINE EXAMINATION
- TALLY INTEGRATION
- VEHICLE TRACKING SYSTEM
- WHATSAPP INTEGRATION
- MOBILE APPLICATION
- BIO METRIC CONNECTIVITY
- BARCODE MATRIX SYSTEM
- ONLINE PORTAL
- DYNAMIC WEBSITE

SERVICES WE OFFER

- BUILDING MANAGEMENT
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- INTELLIGENT PLATFORM

INTELLIGENT SYSTEMS

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CLINIC PLATFORM

HOSPITAL PLATFORM

SKILL TRAINING

MEDICAL COLLEGE

EMERGENCY TRAINING

UNIVERSITY PLATFORM

COACHING PLATFORM

MANY MORE…

Empowering Doctors, Mentors, Health Professionals, Institutes, Government department, & Medical Staff to unlock their Full Potential, all the while ensuring protection of mental health and well being of Doctors and Staff. With up to date knowledge database availability and uninterrupted connectivity between Patients and Doctors ensuring better understanding and communication between patient and doctors.

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Guru Platform

Haakim Platform

Arch Angel Platforms

Kaikoken Platform

Bauer Platform

Dwaarpaal Platform

Silk Platform

and many more...

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CONTACT FOR MORE INFORMATION

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